



# **ProNovia SAP PLM PRM DynamicBaseline User Manual**

# Imprint

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# 1 Introduction

This document describes the following subjects:

- Operation of ProNova SAP PLM PRM DynamicBaseline.
- ProNova SAP PLM PRM DynamicBaseline user interface.

This document describes ProNova SAP PLM PRM DynamicBaseline as delivered. Client specific enhancements and customizing can change the appearance and behavior of ProNova SAP PLM PRM DynamicBaseline compared to information/illustrations in this manual. Therefore please consider your client specific definitions.

## 1.1 Other documents

All relevant and available documents are found in the ProNova Support Center: <http://support.pronovia.ch>.

## 1.2 Prerequisites

Prerequisites for using ProNova products:

- ProNova products to be used must be installed and setup correctly on the relevant systems.
- ProNova products must be properly integrated, activated and configured. Details see document *ProNova Basic Library, Integration and Enhancement Manual*.
- To use ProNova products, valid licenses for each product must be loaded on each system. Details see document *ProNova Basic Library, Integration and Enhancement Manual*.
- The necessary permissions for the display and maintenance of SAP objects must be present.
- For execution of ProNova SAP PLM PRM DynamicBaseline ProNova SAP PLM ProcessManager together with a valid licence must be installed (to be licensed separately).

## 1.3 Abbreviations

Some abbreviations used in the ProNova documents:





<b>Abbreviation</b>	<b>Stands for</b>
ADM	ProNova SAP PLM Administrator
AFW	ProNova Application Framework
C5C	ProNova SAP PLM CATIA-V5-Conversion (CENIT)
CHD	ProNova SAP DMS ChangeDoc
DMC	ProNova SAP DocumentManagementClient
ESB	ProNova SAP EasyBrowse
GCP	ProNova SAP PLM ProcessManager Generic CAD Plugin
MMS	ProNova SAP MaterialMasterSupport
MSC	ProNova SAP PLM StructureControl
MSO	ProNova SAP DMS MSOfficeIntegration
OBJ	ProNova Object Services
OLM	ProNova SAP ObjectLifecycleManager

<i>Abbreviation</i>	<i>Stands for</i>
PBL	ProNova SAP PLM PRM DynamicBaseline
PCF	ProNova SAP Client Framework
PCM	ProNova SAP PLM ChangeManager
PLC	ProNova SAP PLM Client
PRM	ProNova SAP PLM ProcessManager
PRL	ProNova SAP PLM ProcessManager LogisticExtension
PBL	ProNova SAP PLM PRM DynamicBaseline
SDF	ProNova SAP DMS FrameWork
UGC	ProNova SAP PLM UG-Conversion (Marenco)
UTI	ProNova Basic Library

More terms are described in the ProNova SAP PLM Glossar.

## 1.4 Symbols in this document

In this document following symbols may be used:

	Important or critical hint, to pay special attention to.
	Additional information.
	BusinessAddIns (BAdi) are available. They are described in the corresponding <i>Installation and Enhancement Manual</i> .
	Function protected by SAP authorization.

## 1.5 Overview

ProNova SAP PLM PRM DynamicBaseline can be divided into different sections and applications:

1. ProNova SAP PLM PRM DynamicBaseline cockpit. For details please refer to [PBL Cockpit](#)<sup>[8]</sup>.
2. Output via ProNova SAP PLM PRM DynamicBaseline output processors. For details please refer to [Output Processors](#)<sup>[24]</sup>.
3. Transaction control for client specific ProNova SAP PLM PRM DynamicBaseline transactions. For details please refer to [Client Specific Transactions](#)<sup>[28]</sup>.

### ProNova SAP PLM PRM DynamicBaseline cockpit

- PBL cockpit is a SAP-PLM reporting cockpit, which can generate and output baseline reports.
- The output is based on a "KOFIMA item", generated with ProNova SAP PLM ProcessManager and ProNova SAP PLM ProcessManager Logistic Extension, if available with a product structure.
- Output data from PBL is created based on the following parameters specified by the user:
  - Entry / start object (material / material BOM)
  - Validity

- Layout (Objects & Fields)

For details please refer to [PBL Cockpit](#)<sup>[8]</sup>.

#### **Output Processors**

The output processors will generate the desired output based on the determined data. Basically following options exist:

- Tree, matrix or GUI list (screen output)
- File (text file or PDF, etc.)

For details please refer to [Output Processors](#)<sup>[24]</sup>.

#### **Client Specific Transactions**

The PBL transactions allow assigning definitions for layouts and output processors to client specific PBL transactions.

For details please refer to [Client Specific Transactions](#)<sup>[28]</sup>.

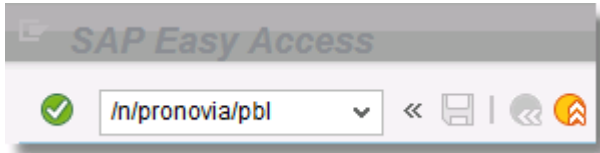
## 2 PBL Cockpit

Start ProNova SAP PLM PRM DynamicBaseline Cockpit with SAP PLM transaction /PRONOVIA/PBL.



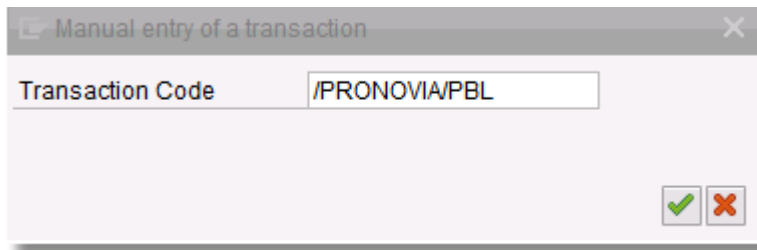
Transactions from a reserved name space must always start with /N in the command field. In the SAP Easy Access Menu no prefix is required.

### SAP command field:



### SAP Easy Access Menu:

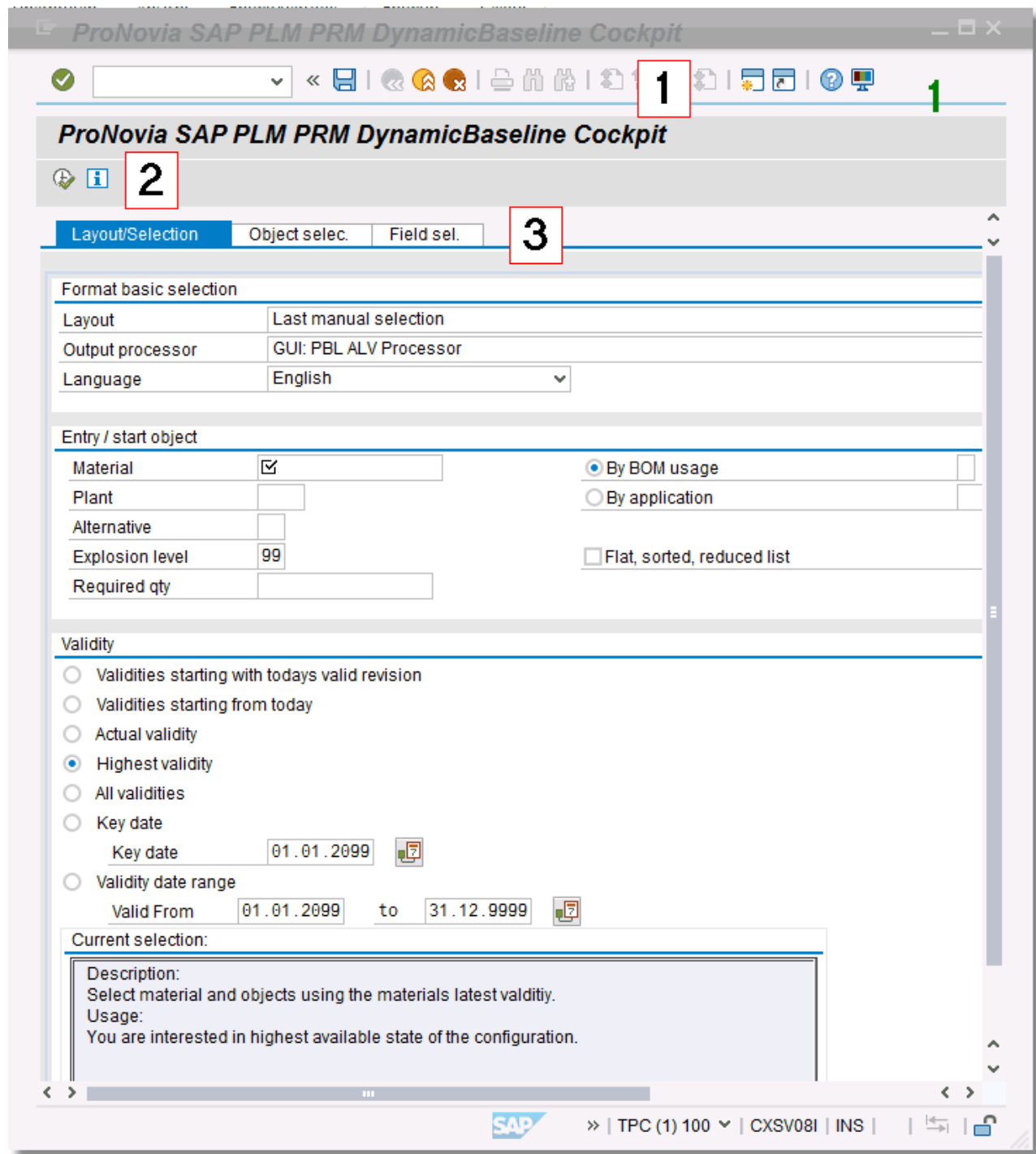
(Favorites > Insert transaction directly)





## 2.1 Interface

The ProNova SAP PLM PRM DynamicBaseline user interface is divided in three layout areas:



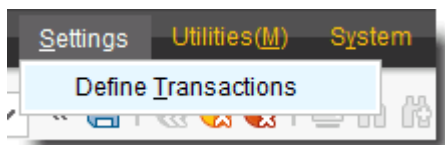
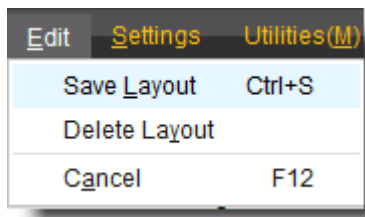
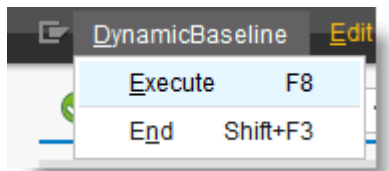
Element	Description
1	<b>Menu</b> <ul style="list-style-type: none"><li>• Menu functions for PBL.</li></ul>

<i>Element</i>	<i>Description</i>
<b>2</b>	<b>Push buttons</b> <ul style="list-style-type: none"> <li>• For general functions.</li> </ul>
<b>3</b>	<b>Tabs</b> <ul style="list-style-type: none"> <li>• Depending on the selected tab, the following information is shown: <ul style="list-style-type: none"> <li>◦ Layout/Selection &gt; Selection of a layout, output processor, entry/start object and validity.</li> <li>◦ Object selection &gt; Selection of configuration types and documents which shall be displayed.</li> <li>◦ Field selection &gt; Selection of field to be output for determined objects.</li> </ul> </li> </ul>

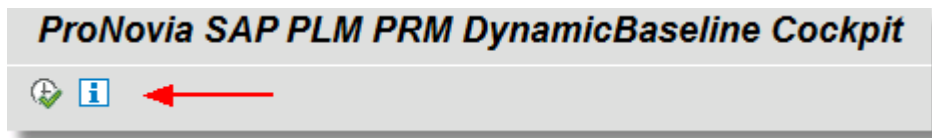
## 2.2 Interface Functions

ProNova SAP PLM PRM DynamicBaseline functions can be initiated by various options:

**Function call via menu options in the title bar**



**Function call via push button**




### 2.2.1 Menu Bar

The following ProNova SAP PLM DynamicBaseline functions are available for menu option «Dynamic Base Line».


- Dynamic Baseline
- Edit
- Settings

### 2.2.1.1 Menu Option "Dynamic Baseline"


#### Execute

	<i>Description</i>
Menu	DynamicBaseline → Execute
Push button	
Function	Start output
Explanation	Starts output according to entry object, defined options and selected output processor.

#### Additional Information / Key


	<i>Description</i>
Menu	DynamicBaseline → Additional informatio /key
Push button	
Function	Indicates additional information.
Explanation	Shows additional information for fields and options in the various tabs.

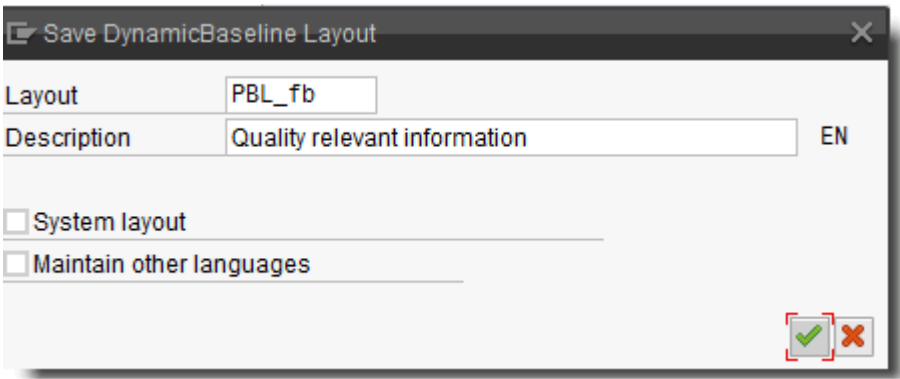






#### Exit

	<i>Description</i>
Menu	DynamicBaseline → Terminate
Push button	
Function	Terminates ProNova SAP PLM PRM DynamicBaseline.
Explanation	Exit transaction.




### 2.2.1.2 Menu Option "Edit"

#### Safe Layout


<i>What</i>	<i>Description</i>
Menu	Edit → Save layout
Push button	
Function	Save current layout.
Explanation	The current layout will be saved. The following parameters are required:

	<div data-bbox="416 174 1321 551">  </div> <ul style="list-style-type: none"> <li>• Layout: ID for layout to be saved.</li> <li>• Description: Language dependent description for layout to be saved.</li> <li>• System layout: Layout will be saved user specific, except this option is set.</li> <li>• Maintain other languages: Allows further entries for the description in other languages.</li> </ul> <table border="1" data-bbox="416 837 1436 1137"> <tr> <td data-bbox="416 837 502 987"></td><td data-bbox="502 837 1436 987"> <p>A layout includes all settings for the object and field selection.</p> <p>Layouts (and their specific settings) are not included in the SAP transport system.</p> </td></tr> <tr> <td data-bbox="416 987 502 1137"></td><td data-bbox="502 987 1436 1137"> <p>System layouts can only be overwritten, if authorization is available.</p> <p>Editing or overwriting other user's layouts is only possible if authorization is available.</p> </td></tr> </table>		<p>A layout includes all settings for the object and field selection.</p> <p>Layouts (and their specific settings) are not included in the SAP transport system.</p>		<p>System layouts can only be overwritten, if authorization is available.</p> <p>Editing or overwriting other user's layouts is only possible if authorization is available.</p>
	<p>A layout includes all settings for the object and field selection.</p> <p>Layouts (and their specific settings) are not included in the SAP transport system.</p>				
	<p>System layouts can only be overwritten, if authorization is available.</p> <p>Editing or overwriting other user's layouts is only possible if authorization is available.</p>				

### Delete Layout

<i>What</i>	<i>Description</i>	
Menu	Edit → Delete layout	
Push button	Not available.	
Function	Delete current layout.	
Explanation	The currently selected layout will be deleted.	
	<table border="1"> <tr> <td data-bbox="416 1574 502 1713"></td><td data-bbox="502 1574 1436 1713"> <p>System layouts can only be deleted, if authorization is available.</p> <p>Deleting other user's layouts is only possible if authorization is available.</p> </td></tr> </table>	
	<p>System layouts can only be deleted, if authorization is available.</p> <p>Deleting other user's layouts is only possible if authorization is available.</p>	

### Cancel

<i>What</i>	<i>Description</i>
Menu	Edit → Cancel
Push button	

Function	Terminates ProNova SAP PLM PRM DynamicBaseline.
Explanation	Terminates transaction.


### 2.2.1.3 Menu Option "Settings"

#### Define

<i>What</i>	<i>Description</i>
Menu	Settings → Define transactions.
Push button	Not available.
Function	ProNova SAP PLM PRM DynamicBaseline transaction control.
Explanation	Please refer to <a href="#">Client Specific Transactions</a> <sup>[28]</sup> .

## 2.3 Tab "Layout/Selection"

Definition of layout, output processor, entry object and validity for the output.

	<p>A layout includes all settings for the object and field selection.</p> <p>The layout which has been used and defined last will be saved automatically for each user and will be available under layout selection «Last manual selection».</p>
---	--

ProNova SAP PLM PRM DynamicBaseline Cockpit

Layout/Selection | Object selec. | Field sel.

Format basic selection

Layout	Last manual selection	
Output processor	GUI: PBL ALV Processor	
Language	English	

Entry / start object

Material	482	<input checked="" type="radio"/> By BOM usage
Plant	0001	<input type="radio"/> By application
Alternative	1	
Explosion level	99	<input type="checkbox"/> Flat, sorted, reduced list
Required qty		

Validity

☐ Validities starting with todays valid revision

☐ Validities starting from today

☐ Actual validity

☒ Highest validity

☐ All validities

☐ Key date

Key date 01.01.2099

☐ Validity date range

Valid From 01.01.2099 to 31.12.9999

Current selection:


Description:  
Select material and objects using the materials latest validity.

Usage:  
You are interested in highest available state of the configuration.

SAP >> | TPC (1) 100 | CXSV08I | INS |


## 2.3.1 Layout Section "Format Basic Selection"

Selection of layout and output processor

Field	Function
Layout	<p>Selection of layout. Available are:</p> <ul style="list-style-type: none"> <li>• Last manually created selection.</li> <li>• Saved layouts (system layouts or personal layouts).</li> </ul> <div>  Depending on the customizing settings an additional text will be added to the system layout and user specific layout name. This way the different layout types can be easily distinguished (e.g. the text "(P)" for a personal layout name). </div>
Output Processor	Selection of possible output processors. The output processor is responsible for how data will be displayed, according to selection and layout definition. For details please refer to <a href="#">Output Processors</a> <sup>24</sup> .
Language	Selection of the output language. This selection is only available if supported by the selected output processor.

## 2.3.2 Layout Section "Entry/Start Object"



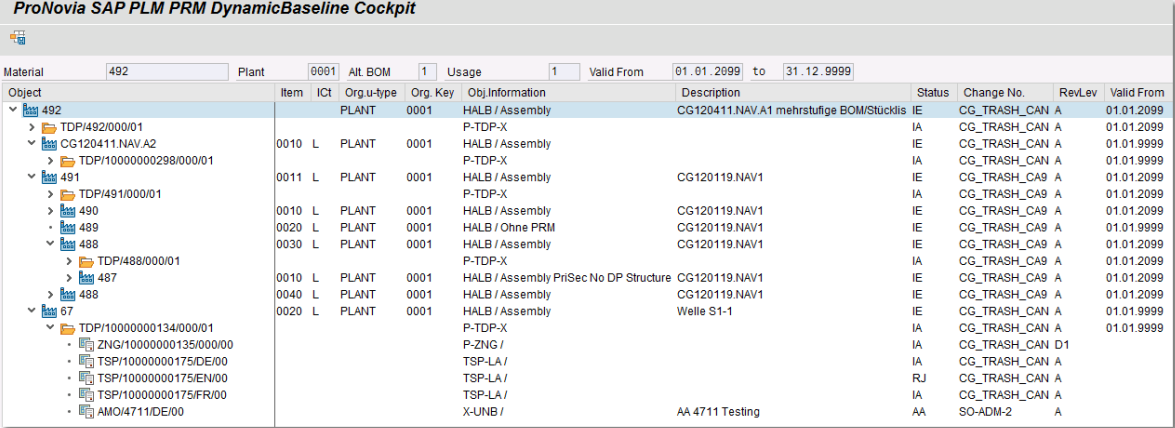
Selection of material and BOM.

Field	Function
Material	The material number which is the entry object for the BOM explosion and dynamic baseline report.
Plant	Plant number for BOM explosion.
Alternative	Alternative BOM for BOM explosion.
Explosion level	Defines the maximum explosion levels for an explosion of a multi level BOM. The number defines the maximum level to be exploded. Entry material has level 0.
Required qty	<p>Required quantity sets the reference for the component quantity. If no required quantity is defined, the component quantities will be according to the BOM positions.</p> <div>  This selection option should be used together with the corresponding fields in the field selection (component quantity), see <a href="#">Tab "Field Selection"</a> <sup>20</sup>. </div>
By BOM usage	Sets BOM usage for BOM explosion.
By application	Sets BOM application for BOM explosion.
Flat, sorted, reduced list	<p>If this option is set, the output of the BOM explosion will be as follows:</p> <ul style="list-style-type: none"> <li>• No structure information (level, position number, quantities).</li> <li>• Sorted by material number.</li> </ul>

Field	Function
	<ul style="list-style-type: none"> <li>Only one output for multiple used components.</li> </ul>

## 2.3.3 Layout Section "Validity"

Selection of validity of material and objects.

	Options are analogue ProNova SAP PLM ProcessManager validity options. For details please refer to ProNova SAP PLM ProcessManager, User Manual (ProNova Support Center: <a href="http://support.pronovia.ch">http://support.pronovia.ch</a> ).
	<p>The explosion of a material BOM always starts on the defined valid from date. The parameter valid to has no influence on the BOM explosion.</p> <p>The output of document objects to a certain material respects validity ranges (From à To). The validity range will be displayed in a separate line, including document objects for this validity range.</p> <p>Example:</p> <div> <p><b>ProNova SAP PLM PRM DynamicBaseline Cockpit</b></p>  </div>

## 2.4 Tab "Object Selection"

Selection of objects (configuration types and documents).

	The object selection is part of a layout.
---	---



**ProNova SAP PLM PRM DynamicBaseline Cockpit**

Layout/Selection **Object selec.** Field sel.

Selection objects and explosion







Config. types to explode		to		
Output config. types		to		
Usages	Don't show usages ▼			
<input checked="" type="checkbox"/> Show sub positions				
<input checked="" type="checkbox"/> Output documents				
<input checked="" type="checkbox"/> Output object data package				
<input checked="" type="checkbox"/> Output change documents (CHD)				
Load data package types		to		
Client / Plant	=	to		
Sales Organization		to		
Distribution Channel		to		
Object types in DP		to		
Object relevancies in DP		to		
Doc in DP with original appl.		to		
Document in DP with language		to		

### General Information

- If no parameters are set, all objects will be selected.
- It is possible to select values, e.g. masks with \*, > greater than, = equals, etc.
- The entry fields can be combined.
- Multiple entries are possible using push button .



Field	Function
Config. types to explode	Only for selected PRM configuration types the BOMs will be exploded and displayed. Exploded configuration types will always be shown.
Config. types to show	Only the selected PRM configuration types will be shown. For all other configuration types the structures will not be exploded and shown in a BOM explosion. See also 3.4.2, Layout Area „Entry / Start Object“.
Usages	<p>Depending on the selection, the material BOM usages of the material will be shown. The following options are available:</p> <ul style="list-style-type: none"> <li>• Don't show usages <ul style="list-style-type: none"> <li>◦ No usages are displayed.</li> </ul> </li> <li>• Mark usages <ul style="list-style-type: none"> <li>◦ If usages exist, they will be indicated in a separate filed. This option is</li> </ul> </li> </ul>

Field	Function																																																																																																																																											
	<p>supported by screen outputs (ALV list / tree).</p> <div><p>Material 492 Plant 0001 Alt. BOM 1 Usage</p><table><tr><th>Object</th><th>Obj.Information</th><th>Usag.</th><th>Status</th><th>Item</th></tr><tr><td>492</td><td>HALB / Assembly</td><td></td><td>IE</td><td></td></tr><tr><td>&gt; TDP/492/000/01</td><td>P-TDP-X</td><td></td><td>IA</td><td></td></tr><tr><td>&gt; CG120411.NAV.A2</td><td>HALB / Assembly</td><td></td><td>IE</td><td>0010</td></tr><tr><td>&gt; 491</td><td>HALB / Assembly</td><td></td><td>IE</td><td>0011</td></tr><tr><td>&gt; 67</td><td>HALB / Assembly</td><td></td><td>IE</td><td>0020</td></tr></table></div> <ul style="list-style-type: none"><li>• Show usage in separate node<ul style="list-style-type: none"><li>○ If usages exist, they are shown in a separate node. This option is recommended for tree output.</li></ul></li></ul> <div><p><b>ProNova SAP PLM PRM DynamicBaseline Cockpit</b></p><p>Material CG130523.PRMV5.A Plant 0001 Alt. BOM 1 Usage 1 Valid From</p><table><tr><th>Object</th><th>Item</th><th>ICt</th><th>Org.u-type</th><th>Org. Key</th><th>Obj.Information</th><th>Description</th></tr><tr><td>CG130523.PRMV5.A</td><td></td><td></td><td>PLANT</td><td>0001</td><td>HALB / Assembly</td><td>CG130523.PRMV5.A</td></tr><tr><td>&gt; TDP/CG130523.PRMV5.A/000/04</td><td></td><td></td><td></td><td></td><td>P-TDP-X</td><td></td></tr><tr><td>• ZNG/10000000968/000/03</td><td></td><td></td><td></td><td></td><td>P-ZNG /</td><td></td></tr><tr><td>• SL/CG130523.PRMV5.A/DE/00</td><td></td><td></td><td></td><td></td><td>STL /</td><td></td></tr><tr><td>• BER/10000000969/000/01</td><td></td><td></td><td></td><td></td><td>BER-ENTW /</td><td></td></tr><tr><td>• TSP/CG130523.PRMV5.A/DE/02</td><td></td><td></td><td></td><td></td><td>TSP-LA /</td><td></td></tr><tr><td>489</td><td>0010</td><td>L</td><td>PLANT</td><td>0001</td><td>HALB / Ohne PRM</td><td>CG120119.NAV1</td></tr><tr><td>&gt; 491/0001/1/01</td><td></td><td></td><td>PLANT</td><td>0001</td><td>HALB / Assembly</td><td>CG120119.NAV1</td></tr><tr><td>• CG130523.PRMV5.A/0001/1/01</td><td></td><td></td><td>PLANT</td><td>0001</td><td>HALB / Assembly</td><td>CG130523.PRMV5.A</td></tr><tr><td>• 10000000051/TSP/000/00</td><td>0020</td><td>D</td><td></td><td></td><td>3 /</td><td></td></tr></table></div> <ul style="list-style-type: none"><li>• Show usages directly<ul style="list-style-type: none"><li>○ If usages exist, they will be shown directly. This option is recommended for file output.</li></ul></li></ul> <div><p><b>ProNova SAP PLM PRM DynamicBaseline Cockpit</b></p><p>Material CG080116.BOM.A Plant 0001 Alt. BOM 1 Usage</p><table><tr><th>Item</th><th>Object type</th><th>Object</th><th>Obj.information</th></tr><tr><td>CG080116.BOM.A</td><td>Material</td><td>CG080116.BOM.A</td><td>HALB / P-BGR-X</td></tr><tr><td>&gt; TDP / CG080116.BOM.A / 000 / 13</td><td>Data package</td><td>TDP / CG080116.BOM.A / 000 / 13</td><td></td></tr><tr><td>&gt; ZNG / CG080116.BOM.A / 000 / 13</td><td>Document</td><td>ZNG / CG080116.BOM.A / 000 / 13</td><td>P-ZNG / PD</td></tr><tr><td>0010</td><td>Material</td><td>CG071113.A</td><td>HALB / OHNE PRM</td></tr><tr><td>Usage</td><td>Usage</td><td>1646/0001/2/01</td><td>HALB / SFS-BG</td></tr><tr><td>Usage</td><td>Usage</td><td>2822/0001/2/01</td><td>HALB / P-BGR-X</td></tr><tr><td>Usage</td><td>Usage</td><td>2825/0001/2/01</td><td>HALB / P-BGR-X</td></tr></table><div><p><b>i</b> If usages for the output are selected, the field “Usage” will be activated automatically. Tab «Field selection», only allows changing the position of this field. Activating/deactivating is only possible with the functions described above.</p><p>All material usages within the validity range are considered, independent of the entry object definition (plant, BOM usage).</p></div></div>	Object	Obj.Information	Usag.	Status	Item	492	HALB / Assembly		IE		> TDP/492/000/01	P-TDP-X		IA		> CG120411.NAV.A2	HALB / Assembly		IE	0010	> 491	HALB / Assembly		IE	0011	> 67	HALB / Assembly		IE	0020	Object	Item	ICt	Org.u-type	Org. Key	Obj.Information	Description	CG130523.PRMV5.A			PLANT	0001	HALB / Assembly	CG130523.PRMV5.A	> TDP/CG130523.PRMV5.A/000/04					P-TDP-X		• ZNG/10000000968/000/03					P-ZNG /		• SL/CG130523.PRMV5.A/DE/00					STL /		• BER/10000000969/000/01					BER-ENTW /		• TSP/CG130523.PRMV5.A/DE/02					TSP-LA /		489	0010	L	PLANT	0001	HALB / Ohne PRM	CG120119.NAV1	> 491/0001/1/01			PLANT	0001	HALB / Assembly	CG120119.NAV1	• CG130523.PRMV5.A/0001/1/01			PLANT	0001	HALB / Assembly	CG130523.PRMV5.A	• 10000000051/TSP/000/00	0020	D			3 /		Item	Object type	Object	Obj.information	CG080116.BOM.A	Material	CG080116.BOM.A	HALB / P-BGR-X	> TDP / CG080116.BOM.A / 000 / 13	Data package	TDP / CG080116.BOM.A / 000 / 13		> ZNG / CG080116.BOM.A / 000 / 13	Document	ZNG / CG080116.BOM.A / 000 / 13	P-ZNG / PD	0010	Material	CG071113.A	HALB / OHNE PRM	Usage	Usage	1646/0001/2/01	HALB / SFS-BG	Usage	Usage	2822/0001/2/01	HALB / P-BGR-X	Usage	Usage	2825/0001/2/01	HALB / P-BGR-X
Object	Obj.Information	Usag.	Status	Item																																																																																																																																								
492	HALB / Assembly		IE																																																																																																																																									
> TDP/492/000/01	P-TDP-X		IA																																																																																																																																									
> CG120411.NAV.A2	HALB / Assembly		IE	0010																																																																																																																																								
> 491	HALB / Assembly		IE	0011																																																																																																																																								
> 67	HALB / Assembly		IE	0020																																																																																																																																								
Object	Item	ICt	Org.u-type	Org. Key	Obj.Information	Description																																																																																																																																						
CG130523.PRMV5.A			PLANT	0001	HALB / Assembly	CG130523.PRMV5.A																																																																																																																																						
> TDP/CG130523.PRMV5.A/000/04					P-TDP-X																																																																																																																																							
• ZNG/10000000968/000/03					P-ZNG /																																																																																																																																							
• SL/CG130523.PRMV5.A/DE/00					STL /																																																																																																																																							
• BER/10000000969/000/01					BER-ENTW /																																																																																																																																							
• TSP/CG130523.PRMV5.A/DE/02					TSP-LA /																																																																																																																																							
489	0010	L	PLANT	0001	HALB / Ohne PRM	CG120119.NAV1																																																																																																																																						
> 491/0001/1/01			PLANT	0001	HALB / Assembly	CG120119.NAV1																																																																																																																																						
• CG130523.PRMV5.A/0001/1/01			PLANT	0001	HALB / Assembly	CG130523.PRMV5.A																																																																																																																																						
• 10000000051/TSP/000/00	0020	D			3 /																																																																																																																																							
Item	Object type	Object	Obj.information																																																																																																																																									
CG080116.BOM.A	Material	CG080116.BOM.A	HALB / P-BGR-X																																																																																																																																									
> TDP / CG080116.BOM.A / 000 / 13	Data package	TDP / CG080116.BOM.A / 000 / 13																																																																																																																																										
> ZNG / CG080116.BOM.A / 000 / 13	Document	ZNG / CG080116.BOM.A / 000 / 13	P-ZNG / PD																																																																																																																																									
0010	Material	CG071113.A	HALB / OHNE PRM																																																																																																																																									
Usage	Usage	1646/0001/2/01	HALB / SFS-BG																																																																																																																																									
Usage	Usage	2822/0001/2/01	HALB / P-BGR-X																																																																																																																																									
Usage	Usage	2825/0001/2/01	HALB / P-BGR-X																																																																																																																																									



<i>Field</i>	<i>Function</i>
Show sub position	If existing, sub positions will be shown on a separate line.
Output documents	If PRM documents exist, they will be output. A more detailed document selection is possible with the options below.
Output object data package	PRM data packages which are handled as documents will be output.
Load data package types	Document output only for selected PRM data package types.
Plant / client	<p>Output of PRM documents only to selected plants.</p> <div>  <p>This option is not used for material BOM explosion. For client specific documents enter the value „=" (=empty). If the selection «Plant / Client» should be made according to the BOM selection, enter “=S” as selection value. This option is also valid for data package objects.</p> </div>
Sales Organization	<p>Output of PRM documents only for selected sales organizations.</p> <div>  <p>This option is also valid for data package objects.</p> </div>
Distribution Channel	<p>Output of PRM documents only for selected distribution channels.</p> <div>  <p>This option is also valid for data package objects.</p> </div>
Object types in data packages	<p>Output of documents only for selected PRM object types.</p> <div>  <p>If activated, the data package objects will only be shown if an matching object exists in the data package.</p> </div>
Object relevance in DP	<p>Output of documents only for selected PRM objects relevancies.</p> <div>  <p>If activated, the data package objects will only be shown if an matching object exists in the data package.</p> </div>
Documents with Orig.-Appl.	Output of documents only for selected original applications.
Documents with language	<p>Output of documents to PRM documents only for selected PRM languages.</p> <div>  <p>If activated, the data package objects will only be shown if an matching object exists in the data package. Use the value “=” for selection of documents without language assigned (=none).</p> </div>

## 2.5 Tab "Field Selection"

In this tab the fields to output and the field order within the output is specified.

	Field selection is part of the layout.
	<p>Please note, that the field selection and / or order could be defined or overwritten by the output processor:</p> <ul style="list-style-type: none"> <li>PDF processor: <ul style="list-style-type: none"> <li>The fields and the order is completely defined by the used SAP SmartForms or SAPScript layout.</li> </ul> </li> <li>Tree processor: <ul style="list-style-type: none"> <li>Field order and size can be changed by user using layouts. Such layouts can be saved.</li> </ul> </li> </ul>

**ProNova SAP PLM PRM DynamicBaseline Cockpit**







 

Layout/Selection   Object selec.   **Field sel.**

Display options (field selection / output sequence)

Heading	Short Description	Output	Only with values	Field Name
Type	Icon / image object type	<input type="checkbox"/>	<input type="checkbox"/>	OBJ_IMAGE
SAP object type	Description of SAP object type (materi...	<input type="checkbox"/>	<input type="checkbox"/>	OBJ_TEXT
Object	Key of object to be classified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	OBJEK_EXT
Usag.	Mark / show further usage of objects	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USAGES
Item	BOM Item Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POSNR
ICt	Item Category (Bill of Material)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POSTP
Org.u-type	ProNova PRM Type of the organizatio...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ORGTY
Org. Key	ProNova PRM key of the organization ...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ORGKY
Obj.Information	Object information text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	OBJINFTXT
Description	Short text/description of the object	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BEZEI
Status	Object status in external (user) format	<input checked="" type="checkbox"/>	<input type="checkbox"/>	OBSTA_EXT
Inf	Icon object status	<input type="checkbox"/>	<input type="checkbox"/>	OBSTA_ICON
Change No.	Change Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AENNR
RevLev	Revision Level	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REVLV
Valid From	Valid-From Date	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DATUV
Valid to	Valid-to date	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DATUB



< > ...


ObjInfo Format   **<Type> / <Relevance Desc.>|<Type Desc.>**   (see extra info)


☐ Document key starting with number

Function	Description
Heading	Field description
Short Description	Short explanation of the field (more see next section).
Output	If activated, the field will be shown in the output.

<i>Function</i>	<i>Description</i>
Only with values	If activated, the field will only be shown, if object field values have been determined (e.g. CAD characteristics).
Field Name	Table field name (more see next section).
	The order of the selected fields can be changed with these push buttons.
Obj.Info Format	<p>Information about the object. The format can be selected from a Drop-Down list:</p> <p>ObjInfo Format <input type="text" value="&lt;Type&gt; / &lt;Relevance Desc.&gt; &lt;Type Desc.&gt;"/> (see extra info)</p> <p><input type="checkbox"/> Document key starting with number</p> <p>The following formats are available:</p> <ul style="list-style-type: none"> <li>• &lt;Type&gt; / &lt;Relevance Desc.&gt; &lt;Type Desc.&gt;</li> <li>• &lt;Type&gt; / &lt;Relevance Desc.&gt; &lt;Type Desc.&gt;</li> <li>• &lt;Type Desc.&gt; / &lt;Relevance&gt; &lt;Type&gt;</li> <li>• &lt;Type Desc.&gt; / &lt;Relevance Desc.&gt; &lt;Type Desc.&gt;</li> <li>• &lt;Type&gt; / &lt;Relevance&gt; &lt;Type&gt;</li> <li>• &lt;Type Desc.&gt; / &lt;Type Desc.&gt;</li> <li>• &lt;Relevance Desc.&gt; &lt;Type Desc.&gt;</li> </ul> <p>For more detailed information about the field description, push the -button of the default help.</p>
Document key starting with number	The document key will either start with document number or document type.

## 2.5.1 Explanations

	Not all fields are listed. Only PBL specific fields and fields specially treated in PBL are listed.
<i>Field</i>	<i>Explanation / Example</i>
Altitm ALPOS	Indicator of an alternative item.
Asm STLKZ	Indicates that an assembly (BOM) to a material is available.
Description BEZEI	Object description in login language.
Valid from date DATUV	Valid from data for object.

<i>Field</i>	<i>Explanation / Example</i>
Valid to date DATUB	Valid to date for object.
Inf OBSTA_ICON	Status icon for object.
Int. Obj.key OBJEK	Internal SAP object key for object, according to object table.
Int. Obj.Status OBSTA_INT	Internal object status (language independent). <div> Relevant for output of language independent document status.</div>
Component Qty.(CUN) MNGKO	Calculates component quantity: Based on the component quantity and the input quantity. E.g.: Component quantity (CU) 0,500 * input quantity 10 = 5'000
Quantity / Unit (UN) MNGTXT	Calculated component quantity and unit shown in text format. Example: 5'000 KG
Obj.Information OBJINFTEXT	Show information about the object, see above.
Status OBSTA_EXT	Object status, if available in external format and in the login language.
Object OBJEK_EXT	Object key, e.g. material number, document key <div> Document key will either start with document number or document type.</div>
Object name OBJ_TXT	Object name E.g.: material / data package / document / validity / sub position etc.
Object type OBJTY	Object type: <ul style="list-style-type: none"> <li>• Object type</li> <li>• Daten package type</li> <li>• Configuration type</li> </ul>
Org.u.-type ORGTY	Type of organization unit of BOM.
Org.Key	Key for organization unit.

<i>Field</i>	<i>Explanation / Example</i>
ORGKY	
Originals HAS_ORIG	Indicates that document info record of originals exists.
Level STUFE	Show level of complete structure (all objects) numerically. E.g.: 0, 1, 2, 3
Level STUTXT	Level indicated as text (with dots....) within structure (all objects). Example: 0, ...1, ..2, ...3
Level BOM_STUFE	Show level of exploded BOM items numerically. E.g.: 0, 1, 2, 3
Level BOM_STUTXT	Level of BOM items indicated as text (with dots....) within exploded BOM. Example: 0, ...1, ..2, ...3
Table SAPOB	SAP database table name for object to be shown.
Type OBJ_IMAGE	Icon / image for object type (material / data package / document / validity / sub position etc.).
Usag. USAGES	Mark / show further usage of objects.
Counter LFNUM	Line counter for output.

## 3 Output Processors

The output processor defines how data, which is read according to the selection, will be displayed. The field selection defines the columns to be shown.

**In general two main types are available:**

- Output processors, which will display the evaluated data on a screen.
- Output processors, which will export the evaluated data to a file.



Format and processing can be defined as needed for each output processor in the customizing.

### 3.1 Screen Output

These output processors will display the evaluated data on a screen.

#### GUI: ALV Processor

The output is created using the SAP ALV (ABAP List Viewer).

Item	Object type	Obj. information	Object	Qu.	Status	Inf. Type	Valid From	Valid To	ICD	Org. u-type	Org. key	Change No.	Rev. Lev.	Data package	Asm	Altm	Grp
Material	HALS / P-BGR-X		CG000116 BOM A		NA		16.01.2008	31.12.9999		PLANT	0001	1047	N		X		
Data package			TDP / CG000116 BOM A / 000 / 13		1A		16.01.2008					1047	N	P-TDP-X			
Document	P-ZHG / PD		ZHG / CG000116 BOM A / 000 / 13		FR		16.01.2008					1047	N	P-TDP-X			
0010 Material	HALS / OHNE PRM		CG071113 A	14	FR			31.12.9999	L	PLANT	0001						

#### GUI: PBL List Processor

The output is created as a default ABAP List.

Item	Object type	Obj. information	Object	Quantity/UNIT(CU)	Status	Inf. Type	Valid From	Valid To	ICD	Org. u-type	Org. key	Change No.	Rev. Lev.	Dat
Material	HALS / P-BGR-X		CG000116 BOM A		NA		16.01.2008	31.12.9999		PLANT	0001	1047	N	
Data package			TDP / CG000116 BOM A / 000 / 13		1A		16.01.2008					1047	N	P-T
Document	P-ZHG / PD		ZHG / CG000116 BOM A / 000 / 13		FR		16.01.2008					1047	N	P-T
0010 Material	HALS / OHNE PRM		CG071113 A	14 PC	FR			31.12.9999	L	PLANT	0001			

#### GUI: PBL Tree Processor

The output is created with a column tree.



Item	Object type	Obj information	Object	Quantity/Unit(CU)	Status	Inf	Valid From	Valid To	SCI	Org u-type	Org key
0010	Material	HALB / OHNE PRM	CG071113.A 14 PC		FR		16.01.2008	31.12.9999		L PLANT	0001
	Document	P-ZNG / PD	ZNG / CG080116.BOM.A / 000 / 13		FR		16.01.2008				
	Data package		TDP / CG080116.BOM.A / 000 / 13		IA		16.01.2008				
	Material	HALB / P-BGR-X	CG080116.BOM.A		NA		16.01.2008	31.12.9999		PLANT	0001

## 3.2 File Output

These output processors will export the evaluated data into a file. File name and storage location must be defined.

Directory: C:\Users\frauke.boeni\AppData\Local\SAP\SAP GUI\tmp\

File Name: PBL-MARA-456.txt

Encoding:

Buttons: Generate, Replace, Extend, X

### File: PBL PDF processor

Data output to a PDF file, the layout is defined by the used SmartForm or SAPscript form.

CG080116.BOM.A    0001 2    1				
Stufe	ObjTyp	Objekt	Bezeichnung	Status    Information
0	Material	CG080116.BOM.A		HALB / P-BGR-X
.1				16.01.2008 - 31.12.9999
..2	Data package	TDP / CG080116.BOM.A / 000 / 13		
...3	Document	ZNG / CG080116.BOM.A / 000 / 13		P-ZNG / PD
.1	Material	CG071113.A		HALB / OHNE PRM

#### File: PBL Plain Data File

Data output to a text file with fix columns. Separation of columns with symbol "|". The columns will not be named.

Material		369				Velo Mann & Frau (150%)				Halbfabrikat / ASM-PR		SL	
Dokument		FFB / 369-2000 / DE / 00				Velo Mann & Frau (150%)				Fertigungs-Stückliste / FSO		XL	
Dokument		FRT / 369-2000 / DE / 00				Velo Mann & Frau (150%)				Normalarbeitsplan / FSO		XL	
Dokument		FWI / 10000000097 / DE / 00				Allgemeine Montageanweisung				Arbeitsanweisung / FTM		FG	
Dokument		QII / 369-2000 / DE / 00				Velo Mann & Frau (150%)				Prüfanweisung / QSO		XL	
Material		370				Baugruppe Hinterrad				Halbfabrikat / ASM-ME		SL	
Dokument		FFB / 370-2000 / DE / 00				Baugruppe Hinterrad				Fertigungs-Stückliste / FSO		XL	
Dokument		FRT / 370-2000 / DE / 00				Baugruppe Hinterrad				Normalarbeitsplan / FSO		XL	
Dokument		FWI / 10000000097 / DE / 00				Allgemeine Montageanweisung				Arbeitsanweisung / FTM		FG	
Dokument		QII / 370-2000 / DE / 00				Baugruppe Hinterrad				Prüfanweisung / QSO		XL	
Material		372				Reifen				Handelsware / PRT-P		SL	

#### File: PBL Simple Text File Grid

Data output to a text file. Separation of columns and lines with a "text grid". Columns titles are hidden.

Description	Type	Object	Asm	Item	Level	Component quantity	Comp. Qty (Cun)	Qty.	ICT	Obj. Information	Status Icon	Status
Bike Men & woman (150%)	0A60	369	X		0					Semifinished Product	0500	SL
	01U0				1							
Rear wheel Assembly	0A60	370	X	0001	1	1.000	1.000	1 ST	L	Semifinished Product	0500	SL
	01U0				2							
Tire	0A60	372		0005	2	1.000	1.000	1 ST	L	Trading Goods	0500	SL

#### File: PBL Simple Text File Group

Data output to a text file. Objects are listed in groups per material. Separation of columns and lines with a "text grid". Columns names will be indicated.

Description	Type	Object	Asm	Item	Level	Component quantity	Comp. Qty (Cun)	Qty.	ICT	Obj. Information	Status Icon	Status
Bike Men & woman (150%)	0A60	369	X		0					Semifinished Product	0500	
	01U0				1							
Rear wheel Assembly	0A60	370	X	0001	1	1.000	1.000	1 ST	L	Semifinished Product	0500	
	01U0				2							
Tire	0A60	372		0005	2	1.000	1.000	1 ST	L	Trading Goods	0500	
	01U0				3							
Tube	0A60	373		0008	2	1.000	1.000	1 ST	L	Trading Goods	0500	
	01U0				3							
Freewheel	0A60	375	X	0010	2	1.000	1.000	1 ST	L	Semifinished Product	0500	
	01U0				3							

#### File: PBL Simple Text File Header

Data output to a text file. Separation of columns with symbol "|". The columns titles are indicated.

Description	Type	Object	Asm	Item	Level	Component quantity	Comp. Qty (Cun)	Qty.	ICT	Obj. Information	Status Icon	Status
Bike Men & woman (150%)	0A60	369	X		0					Semifinished Product	0500	SL
	01U0				1							
Rear wheel Assembly	0A60	370	X	0001	1	1.000	1.000	1 ST	L	Semifinished Product	0500	SL
	01U0				2							
Tire	0A60	372		0005	2	1.000	1.000	1 ST	L	Trading Goods	0500	SL
	01U0				3							
Tube	0A60	373		0008	2	1.000	1.000	1 ST	L	Trading Goods	0500	SL
	01U0				3							
Freewheel	0A60	375	X	0010	2	1.000	1.000	1 ST	L	Semifinished Product	0500	SL
	01U0				3							
Gear 20 cog	0A60	376	X	0020	3	1.000	1.000	1 ST	L	Semifinished Product	0500	SL

#### File: PBL Tab Delimited File

Data output to a text file. Separation of columns with with "TAB". The columns titles are indicated.

Description	Type	Object	Asm	Item	Level	Component	quantity	Comp. Qty (Cun)	Qty.	ICT
Bike Men & woman (150%)	@A6@		369	X		0				Semifinished
Rear wheel Assembly	@A6@		370	X	0001	.1	1.000	1.000	1 ST L	Semifinished
Tire	@A6@	372	0005	..2	1.000	1.000	1 ST L	Trading Goods	@5B@	SL
Tube	@A6@	373	0008	..2	1.000	1.000	1 ST L	Trading Goods	@5B@	SL
Freewheel	@A6@	375	X	0010	..2	1.000	1.000	1 ST L		Semifinished Product




#### File: SEAL Plot Order

Creates a SEAL DVSREPRO plot order for all documents/originals which are found in this structure. Details depend on the customizing of the plot order.

## 4 Client Specific Transactions

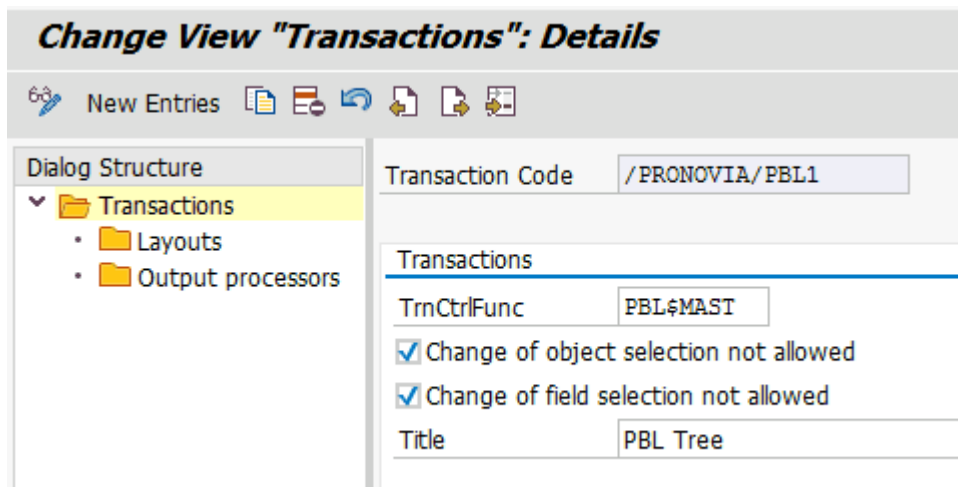
### Start Transaction Control

In order to define client specific ProNova SAP PLM DynamicBaseline transactions, the transaction control must be started. Use menu *Settings* → *Define Transactions* within a ProNova SAP PLM DynamicBaseline transaction (e.g. /PRONOVIA/PBL).

	In general the idea for setting layouts in a transaction definition is, that either to each layout a output processor is assigned or that none of the layouts have assigned an output processor, but all valid processors are defined in Output processors. A combination of both methods is possible.
	The transaction control settings are not linked with the SAP transport system.  It is not recommended to store definitions for transactions ProNova SAP PLM DynamicBaseline Cockpit (PRONOVIA/PBL) in the transactions control, in order to keep them as unlimited cockpit and tool for the transaction control
	Starting the transaction control requires adequate authorization.

### 4.1 Transactions

Definition of client specific ProNova SAP PLM PRM DynamicBaseline transactions, which can then be used by the user.

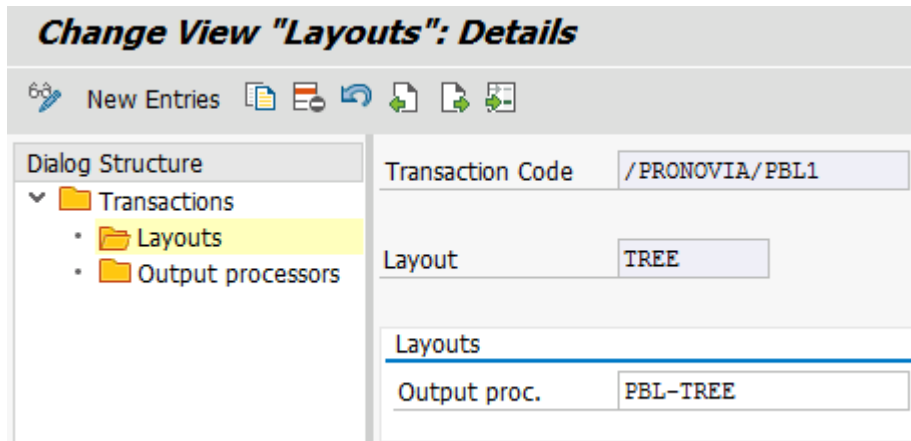




Field	Description
Transaction Code	Use delivered transactions /PRONOVIA/PBL1 to /PRONOVIA/PBL19. Optional, copies of /PRONOVIA/PBLn transactions to client specific transactions can be used, too.
TrnCtrlFunc	Transaction Controller (according customizing currently always PBL\$MAST).
Title	Transaction title. Also used by some of the output processors (actual by all screen processors). Without input the text ProNova SAP PLM PRM DynamicBaseline and the installed product version will be shown.
Change of object selection not allowed.	If activated, no changes on tab „Object selection“ are allowed.

Field	Description
Change of field selection not allowed.	If activated, no changes on tab „Field / Selection“ are allowed.

## 4.2 Layouts

Assignment of one or more layouts including output processors to a transaction.









Field	Description
Layout	<p>Selectable layouts for these transactions. Without input all possible layouts can be selected.</p> <div>  <p>Layouts must first be generated before they can be assigned. Only system layouts can be assigned.</p> <p>Multiple layouts can be assigned.</p> </div>
Output processor	<p>If an output processor is entered, only this output processor will be available for this layout. Therefore no selection of an output processor will be available for this transaction, and settings under option „output processors“ will have no influence.</p> <div>  <p>The output processor assigned must not be in the list of Output Processors.</p> <p>Even if marked as hidden in customizing, a processor can be used here.</p> </div>

## 4.3 Output Processors


Assignment of possible output processors to the transaction.

**Change View "Output processors": Details**


New Entries      

**Dialog Structure**

- Transactions
  - Layouts
  - Output processors**

Transaction Code  

Output proc.

Field	Description
Output proc.	<p>Selectable output processors for this transaction. Without input all defined processors are available, except hidden processors.</p> <div>  If marked as hidden in customizing, a processor can't be used.         </div>